

LISTING OF CLAIMS

1-8. Canceled

9. (New) A material for use in making tile products comprising:

- a first layer including silica sand and phenolic resin, said first layer including pores therein;
- a second layer overlying the first layer, said second layer including an aliphatic polymer and a resilient material; and
- a third layer overlying the second layer, said third layer including an aliphatic polymer, silica sand and silica flour.

10. (New) The material of claim 9 wherein the silica sand of the first layer has a particle size of about 60 mesh.

11. (New) The material of claim 9 wherein the phenolic resin is present in an amount of about 3 to 5 percent by weight of the silica sand of the first layer.

12. (New) The material of claim 9 wherein the silica sand of the first layer is pre-coated with the phenolic resin.

13. (New) The material of claim 12 wherein adjacent pre-coated silica sand particles are fused together by the phenolic resin.

14. (New) The material of claim 13 wherein the second layer further comprises a catalyst.

15. (New) The material of claim 9 wherein the aliphatic material of the second layer comprises an epoxy.

16. (New) The material of claim 15 wherein the resilient material of the second layer comprises one of an elastomer and a flexibilizer.

17. (New) The material of claim 16 wherein the elastomer comprises rubber.

18. (New) The material of claim 17 wherein the rubber comprises rubber particles having a particle size of about 60 mesh.

19. (New) The material of claim 9 wherein the second layer has a thickness of about 20-30 mils.

20. (New) The material of claim 9 wherein the aliphatic material of the third layer comprises an epoxy.

21. (New) The material of claim 9 wherein the third layer further comprises colored quartz particles distributed therein.

22. (New) The material of claim 21 wherein the colored quartz particles have a particle size of about 28 mesh.

23. (New) The material of claim 9 wherein the third layer has a thickness of about 40-60 mils.

24. (New) The material of claim 9 further comprising a fourth layer overlying the third layer, said fourth layer including a clear aliphatic polymer.

25. (New) A laminate material for use in the production of tiles comprising:

- a base layer including silica sand and phenolic resin, said first layer including interstitial spaces therein;
- a second layer bonded to the base layer, said second layer including an epoxy resin and elastomeric particles; and
- a third layer overlying the second layer, said third layer including an epoxy resin, silica sand and silica flour.

26. (New) The material of claim 25 wherein the silica sand of the first layer is pre-coated with the phenolic resin.

27. (New) The material of claim 25 wherein the third layer further comprises colored quartz particles distributed therein.

28. (New) The material of claim 25 further comprising a fourth layer overlying the third layer, said fourth layer including a clear aliphatic polymer.